AMENDMENTS TO THE CLAIMS:

IN THE CLAIMS:

1.   (currently amended) A method for context-aware computer management comprising ~~the steps of~~:
     assigning database information a plurality of clearance levels;
     assigning each smart badge within a set of ~~visible~~ smart badges one of the clearance levels;
     using a wireless beacon to detect which smart badges are located within a predefined physical boundary;
     identifying ~~smart badges having~~ a lowest clearance level assigned to the smart badges within the boundary; and
     providing access to that sub-set of the database information having a clearance levels no higher than the lowest identified clearance level on a computer located with the predefined physical boundary.

2.   (currently amended) The method of claim 1 further comprising ~~the step of~~:
     defining those smart badges within the boundary as a set of visible smart badges; and
     updating the set of visible smart badges in response to a change in smart badge visibility status.

3.   (currently amended) The method of claim 2 further comprising ~~the step of~~:
     recalculating the lowest clearance level in response to the change in smart badge visibility status.

4.   (currently amended) The method of claim 2 further comprising ~~the step of~~:
     recording the smart badge visibility status of each smart badge within an activity log.

5.   (currently amended) The method of claim 1 wherein ~~the~~ providing ~~step~~ includes ~~the step of~~:
     providing access ~~to the database information~~ to smart badge wearers assigned to the smart badges.

6.   (currently amended) The method of claim 2 further comprising ~~the step of~~:
     preventing access to the database when the smart badge visibility status is set to invisible for a predetermined timeout.

7.   (currently amended) The method of claim 1 further comprising ~~the step of~~:
     writing data items to the smart badges.

8.   (currently amended) The method of claim 7 further comprising ~~the step of~~:
     pre-reading the data item from the smart badge during idle periods.

9.   (currently amended) The method of claim 1 further comprising ~~the step of~~

2   defining a badge removal confidence level indicating whether each smart badge

3 has been continuously worn by corresponding assigned smart badge wearers.

1   10.   (currently amended) The method of claim 1 further comprising ~~the steps of~~:

2   assigning an expiration period to each of the smart badges; and

3   de-authenticating and erasing all data stored on a smart badge whose expiration

4 period has been exceeded.

1   11.   (currently amended) The method of claim 1 wherein the ~~assigning each smart~~

2 ~~badge step~~ using element includes ~~the step of~~:

3   configuring ~~a~~ the predetermined ~~smart badge visibility range~~ physical boundary by

4 varying a sensitivity level of the wireless beacon.

1   12.   (currently amended) A method for context-aware computer management

2 comprising ~~the steps of~~:

3   assigning database information a plurality of clearance levels;

4   assigning each smart badge within a set of ~~visible~~ smart badges one of the

5 clearance levels;

6   using a wireless beacon to detect which smart badges are located within a

7 predefined physical boundary;

8   identifying ~~smart badges having~~ a lowest clearance level assigned to the smart

9 badges within the boundary;

10   providing access to that sub-set of the database information having a clearance

11 ~~levels~~ no higher than the lowest identified clearance level on a computer located with the

12 predefined physical boundary;

13   defining those smart badges within the boundary as a set of visible smart badges;

14   updating the set of visible smart badges in response to a change in smart badge

15 visibility status; and

16   recalculating the lowest clearance level in response to the change in smart badge

17 visibility status.

1   13.   (currently amended) A computer-usable medium embodying computer program

2 code for context-aware computer management, comprising ~~the steps of~~:

3   assigning database information a plurality of clearance levels;

4   assigning each smart badge within a set of ~~visible~~ smart badges one of the

5 clearance levels;

6   using a wireless beacon to detect which smart badges are located within a

7 predefined physical boundary;

8   identifying ~~smart badges having~~ a lowest clearance level assigned to the smart

9 badges within the boundary; and

10   providing access to that sub-set of the database information having a clearance

11 ~~levels~~ no higher than the lowest identified clearance level on a computer located with the

12 predefined physical boundary.

1   14.   (currently amended) The computer-usable medium of claim 13 further comprising

2 ~~the step of~~:

3   defining those smart badges within the boundary as a set of visible smart badges;

4   and
5   updating the set of visible smart badges in response to a change in smart badge
6   visibility status.

1   15.   (currently amended) The computer-usable medium of claim 14 further comprising
2   ~~the step of~~:
3   recalculating the lowest clearance level in response to the change in smart badge
4   visibility status.

1   16.   (currently amended) The computer-usable medium of claim 13 wherein ~~the~~
2   providing ~~step~~ includes ~~the step of~~:
3   providing access to the database information to smart badge wearers assigned to
4   the smart badges.

1   17.   (currently amended) The computer-usable medium of claim 14 further comprising
2   ~~the step of~~:
3   preventing access to the database when the smart badge visibility status is set to
4   invisible for a predetermined timeout.

1   18.   (currently amended) The computer-usable medium of claim 13 further comprising
2   ~~the step of~~
3   defining a badge removal confidence level indicating whether each smart badge
4   has been continuously worn by corresponding assigned smart badge wearers.

1   19.   (currently amended) The computer-usable medium of claim 13 further comprising
2   ~~the steps of~~:
3   assigning an expiration period to each of the smart badges; and
4   de-authenticating and erasing all data stored on a smart badge whose expiration
5   period has been exceeded.

1   20.   (currently amended) A system for context-aware computer management
2   comprising:
3   means for assigning database information a plurality of clearance levels;
4   means for assigning each smart badge within a set of ~~visible~~ smart badges one of
5   the clearance levels;
6   means for <u>using a wireless beacon to detect which smart badges are located within</u>
7   <u>a predefined physical boundary</u>;
8   means for identifying ~~smart badges having~~ a lowest clearance level <u>assigned to the</u>
9   <u>smart badges within the boundary</u>;
10   means for providing access to <u>that sub-set of the</u> database information having <u>a</u>
11   clearance ~~levels~~ no higher than the lowest <u>identified</u> clearance level <u>on a computer</u>
12   <u>located with the predefined physical boundary</u>;
13   means for <u>defining those smart badges within the boundary as a set of visible</u>
14   <u>smart badges</u>;
15   means for updating the set of visible smart badges in response to a change in
16   smart badge visibility status; and
17   means for recalculating the lowest clearance level in response to the change in

18   smart badge visibility status.

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1   21.   (currently amended) A system for context-aware computer management
2   comprising:
3   a database, including information differentiated by a plurality of clearance levels;
4   a first <u>wireless</u> beacon;
5   a set of smart badges, ~~in visible communication with~~ <u>detected by</u> the first beacon
6   <u>to be within a predefined physical boundary</u>, each badge assigned one of the clearance
7   levels;
8   <u>a computer located within the boundary;</u>
9   a system service module, coupled to the beacon, for identifying a lowest clearance
10   level assigned to the smart badges <u>within the boundary</u>; and
11   a software application, coupled to the service module and the database, for
12   providing access to <u>that sub-set of the</u> information within the database having <u>a</u> clearance
13   level~~s~~ no higher than the lowest <u>identified</u> clearance level <u>on the computer</u>.

1   22.   (Original) The system of claim 21, wherein the first beacon includes:
2   a wide angle RF beacon.

1   23.   (Original) The system of claim 21, further comprising:
2   a second diffuse IR beacon, coupled to the service module, limited to detecting
3   smart badges within a workroom.

1   24.   (Original) The system of claim 21, wherein the smart badges include:
2   biometric sensors for detecting when a smart badge has been removed from an
3   assigned smart badge wearer.

1   25.   (currently amended) The system of claim 21, wherein the service module
2   defines ~~a smart badge visibility status~~ <u>those smart badges within the boundary as a</u>
3   <u>set of visible smart badges</u>, and
4   recalculates the lowest clearance level in response to a change in ~~the~~ <u>a</u> visibility
5   status.

1   26.   (Original) The system of claim 21, wherein the application logs smart badge
2   wearers assigned to visible smart badges onto a computer.